F. 388

Number I.

ENGRAVINGS

OF

HEATHS,

WITH

BOTANICAL DESCRIPTIONS,

IN

LATIN AND ENGLISH.

TAKEN FROM

LIVING SPECIMENS.

TO BE CONTINUED

TILL ALL THE KNOWN SPECIES ARE COMPLETED.

LONDON:

DRAWN, ENGRAVED, AND PUBLISHED,

BY

H. ANDREWS,

N°25 DENMARK STREET SOHO.

N.B. In the courſe of a few Numbers will be given a ſhort BOTANICAL DISSERTATION on the GENUS of HEATHS, with their Mode of Culture.

F. 388

TO

THE MOST NOBLE

George Spencer,

MARQUIS of BLANDFORD,

This WORK of

ERICAS,

from Plants mostly in the Collection

of his Lordship,

Is most respectfully dedicated

By his LORDSHIPS much obliged

very humble Servant

H. Andrews

INTRODUCTION.

The hopes formed by the Publiſher, in bringing this Work before the Public, are, that the admirers of Plants will be gratified by the delineation of a Genus which, from its beauty of flowering, and variety of ſpecies, has attracted ſuch general admiration. At preſent there does not exiſt any complete monograph of this diſtinguiſhed tribe; the greater number of its ſpecies having been introduced to us within a very few years; moſtly from the Cape of Good Hope, through the medium of that great patron of Natural Hiſtory, and the Sciences, Sir Joseph Banks, whoſe indefatigable induſtry in advancing the ſcience of Botany in particular is ſo well known. The great variety of character diſcovered in this extended Genus, of which no juſt ſyſtematical arrangement has yet been formed, has rendered it impoſſible to follow any botanical author in his mode of claſſing them: the rules made uſe of by Linnæus for that purpoſe have, upon examination of many of the new ſpecies, proved inſufficient; the number of leaves varying ſo much on the ſame plant, as well as the great difference of figure in the Antheræ, to which his three characters will not apply. Thunburg (from whom the greater part of the names uſed in this work are taken) has figured a few, and named all the new ſpecies he diſcovered at the Cape; adding them, in a ſmall work, to thoſe deſcribed by Linnæus. All therefore that is to be expected from this undertaking is a faithful copy from nature, and a true deſcription in aid of it. The Drawings already made by the Publiſher have been taken (through his kind indulgence) from living Plants in the extenſive collection of the Right Honourable the Marquis of Blandford, &c. The Latin Deſcriptions will be given by Mr. Wheeler, Demonſtrator of Botany to the Company of Apothecaries; who has kindly undertaken that part of the work. The Engliſh tranſlation is as literal as poſſible, and the botanical terms are taken from Withering's Engliſh Botany, the language of the ſcience being in that work more familiarized to an ear unacquainted with the Latin.

Erica Muscari

Pub^d as the Act directs Oct 15. 1794

By H. Andrews No 5 Ryders Court Leicester Fields

ERICA Muſcari.

CHARACTER SPECIFICUS.

Erica, antheris muticis, incluſis; corollis oblongo-ovatis, obtuſe tetragonis; foliis quaternis.

DESCRIPTIO.

Caulis fruticoſus, ſeſquipedalis, teres, baſi ſimpliciſſimus, dein ramoſus.

Folia quaterna, linearia, acuta, erecto-patentia, glaberrima, nitida, dilute viridia, petiolis breviſſimis ramis adpreſſis.

Flores luteoli, ſuaviter olentes, ſæpius quaterni, terminales; pedunculis breviſſimis.

Calyx. Perianthium duplex; *interius* tetraphyllum, foliolis erectis, ovatis, carinatis; *exterius* triphyllum, priori incumbens.

Corolla oblongo-ovata, obtuſe tetragona, ſumma parte arctata, limbo quadrilobo, laciniis æqualibus revolutis.

Stamina. Filamenta octo capillaria, ſtylo ſubæqualia, apice torto, receptaculo inſerta. Antheræ muticæ, incluſæ, bifidæ, dorſales.

Pistillum. Germen obovatum, ſulcatum ſulcis octo. Stylus linearis, erectus, corollæ ſubæqualis. Stigma ſubtetragonum.

Habitat ad Caput Bonæ Spei.

Floret a Martio ad Julium.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx lente auctus.
3. Stamina, et Piſtillum.
4. Stamina a Piſtillo diducta; anthera una lente aucta.
5. Stylus, et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with beardleſs tips within the bloſſom, which is oblong-egg-ſhaped, and bluntly four-edged; leaves growing by fours.

DESCRIPTION.

Stem ſhrubby, grows a foot and a half high, cylindrical, undivided at the baſe, afterwards branching.

Leaves growing by fours, linear, pointed, between upright and ſpreading, ſmooth and ſhining, of a light green, with ſhort leaf-ſtems preſſed to the branches.

Flowers yellowiſh, ſweet-ſcented, moſtly four together, terminating the branches; having very ſhort footſtalks.

Empalement. Cup double; the *inner* one has four leaves, which are erect, ovate, and keel-ſhaped; the *outer* has three leaves, and reſts on the former.

The Blossom oblong-egg-ſhaped, bluntly four-edged, contracted at the mouth, which is terminated by a four-lobed border, whoſe ſegments are equal, and rolled back.

Chives. Eight hair-like threads, nearly of a length with the pointal, crooked at their upper part, and fixed in the receptacle. Tips beardleſs, within the bloſſom, cleft, and fixed to the threads at their back.

Pointal. Seed-veſſel inverſely egg-ſhaped, furrowed with eight channels. Shaft linear, erect, nearly of a length with the bloſſom. Summit nearly four-cornered.

Native of the Cape of Good Hope.

In bloom from March till July.

REFERENCE.

1. The Empalement and Bloſſom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.

Erica Ventricosa.

Pub.d as the Act directs Oct.r 1. 1794

By H. Andrews N.o 15 Ryders Court Leicester Fields

ERICA ventricosa.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus inclusis; corollis oblongo-ovatis, ventricosis, glabris; foliis quaternis ciliatis.

DESCRIPTIO.

Caulis fruticosus, semipedalis, teres, crassiusculus, ramosissimus, ramis recurvato-adscendentibus.

Folia quaterna, linearia, acuta, basi recurvata, apice adscendentia, ciliata, supra plana, subtus revoluta, nitida, petiolis brevissimis adpressis.

Flores terminales, plures, fastigiati, erecti; pedunculi purpurei, basi instructa bracteis binis, parvis, oppositis.

Calyx. Perianthium tetraphyllum foliolis erectis, carinatis, ciliatis.

Corolla oblongo-ovata, apice arctata, limbo æquali, quadrilobo, subreflexo, albo-purpurascens, glabra, nitida.

Stamina. Filamenta octo capillaria, corollæ subæqualia, receptaculo inserta. Antheræ inclusæ, parvæ, bifidæ, basi bicornes.

Pistillum. Germen, oblongum, sulcatum. Stylus filiformis, filamentis æqualis; stigma subtetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mensi Aprili ad Septembrem.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx, et Bractea lente aucta.
3. Stamina, et Pistillum.
4. Stamina a Pistillo diducta; anthera una lente aucta.
5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

Heath, with tips two-horned at their base, included within blossoms of an oblong-ovate form, inflated and smooth; leaves ciliate, growing by fours.

DESCRIPTION.

The Stem shrubby, about half a foot high, cylindrical, thickish, very much branched, the branches bend downward, then ascend.

Leaves growing by fours, linear, pointed with a recurved base, and an ascending point, ciliate, flat on their upper, and rolled back on their under, surface, shining, the leaf-stems very short, and pressed to the branches.

Flowers terminal, numerous, upright, level, and in bunches; the footstalks purple, having two small opposite floral leaves at their base.

Empalement. Cup four-leaved, erect, keel-shaped, and ciliate.

Blossom of an oblong-ovate form, narrowed toward the top, with a slightly reflexed border, of a whitish purple, smooth, and shining.

Chives. Eight hair-like threads, nearly of a length with the blossom, fixed into the receptacle. Tips within the blossom small, cleft, and two-horned at their base.

Pointal. Seed-vessel oblong and furrowed. Shaft thread-shaped, of an equal length with the threads. Summit nearly four-cornered.

Native of the Cape of Good Hope.

In bloom from April till September.

REFERENCE.

1. The Empalement with the Blossom.
2. The Empalement and Floral-leaf magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft, and its Summit magnified.

Erica Discolor

Pub.d as the Act directs Oct 14 1794.

By H. Andrews No 15 Kyiers Court Leicester Fields.

ERICA diſcolor.

CHARACTER SPECIFICUS.

Erica, antheris ariſtatis, incluſis; ſtylo exſerto; corollis tubuloſis, ſubcylindraceis; foliis ternis.

DESCRIPTIO.

Caulis fruticoſus, tripedalis, teres, erectus, gracilis, ſuperne pubeſcens, ramulis ſubſimplicibus.

Folia terna, linearia, erecto-patentia, ſupra plana, ſubtus revoluta, nitida, ſaturate viridia.

Flores plerumque tres, ſubcernui, ramei, terminales, prope caulis ſummitatem.

Calyx. Perianthium duplex, *interius* tetraphyllum, foliolis ovatis, erectis, luteo-virentibus: *exterius* triphyllum, foliolis brevioribus priori incumbentibus.

Corolla tubuloſa, ſubcylindracea, ima parte, carnea, pallida, ſumma, flavo-vireſcente, limbo quadrilobo, æquali erectiuſculo.

Stamina. Filamenta octo capillaria, receptaculo inſerta. Antheræ oblongiuſculæ, bipartitæ, incluſæ, ariſtatæ.

Pistillum. Germen oblongum. Stylus filiformis, corolla longior, apice inflexo. Stigma ſubtetragonum, vireſcens.

Habitat ad Caput Bonæ Spei.

Floret a Novembri in Aprilem.

REFERENTIA.

1. Calyx, et Corolla.

2. Calyx lente auctus.

3. Stamina, et Piſtillum.

4. Stamina a Piſtillo diducta; anthera una lente aucta.

5. Stylus, et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with bearded tips within the bloſſom; the pointal ſtanding out; the bloſſom tubular, nearly cylindrical; leaves growing by threes.

DESCRIPTION.

Stem ſhrubby, grows to three feet high, cylindrical, upright, ſlender, downy at the top, the branches ſeldom divided.

Leaves growing by threes, linear, between upright and ſpreading, ſmooth on the upper, and rolled back on the under, ſurface, ſhining and dark green.

Flowers are commonly three together, bending a little downward, terminating the branches near the upper part of the ſtem.

Empalement. Cup double, the *inner* four-leaved, ovate, erect, and of a greeniſh yellow: the *outer* three-leaved, the leaves ſhorter than the former, and lying on them.

Blossom tubular, nearly cylindrical, of a light fleſh colour at the baſe, and yellowiſh green at the mouth, which is divided into four equal nearly erect ſegments.

Chives. Eight hair-like threads, fixed into the receptacle. Tips nearly oblong, divided, bearded, and within the bloſſom.

Pointal. Seed-veſſel oblong. Shaft thread-ſhaped, longer than the bloſſom, the point bending. The Summit nearly four-cornered, and greeniſh.

Native of the Cape of Good Hope.

Time of flowering from November till April.

REFERENCE.

1. The Empalement with the Bloſſom.

2. The Empalement magnified.

3. The Chives and Pointal.

4. The Chives detached from the Pointal, one tip magnified.

5. The Shaft, and its Summit magnified.

Number II

ENGRAVINGS

OF

HEATHS,

WITH

BOTANICAL DESCRIPTIONS,

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TAKEN FROM

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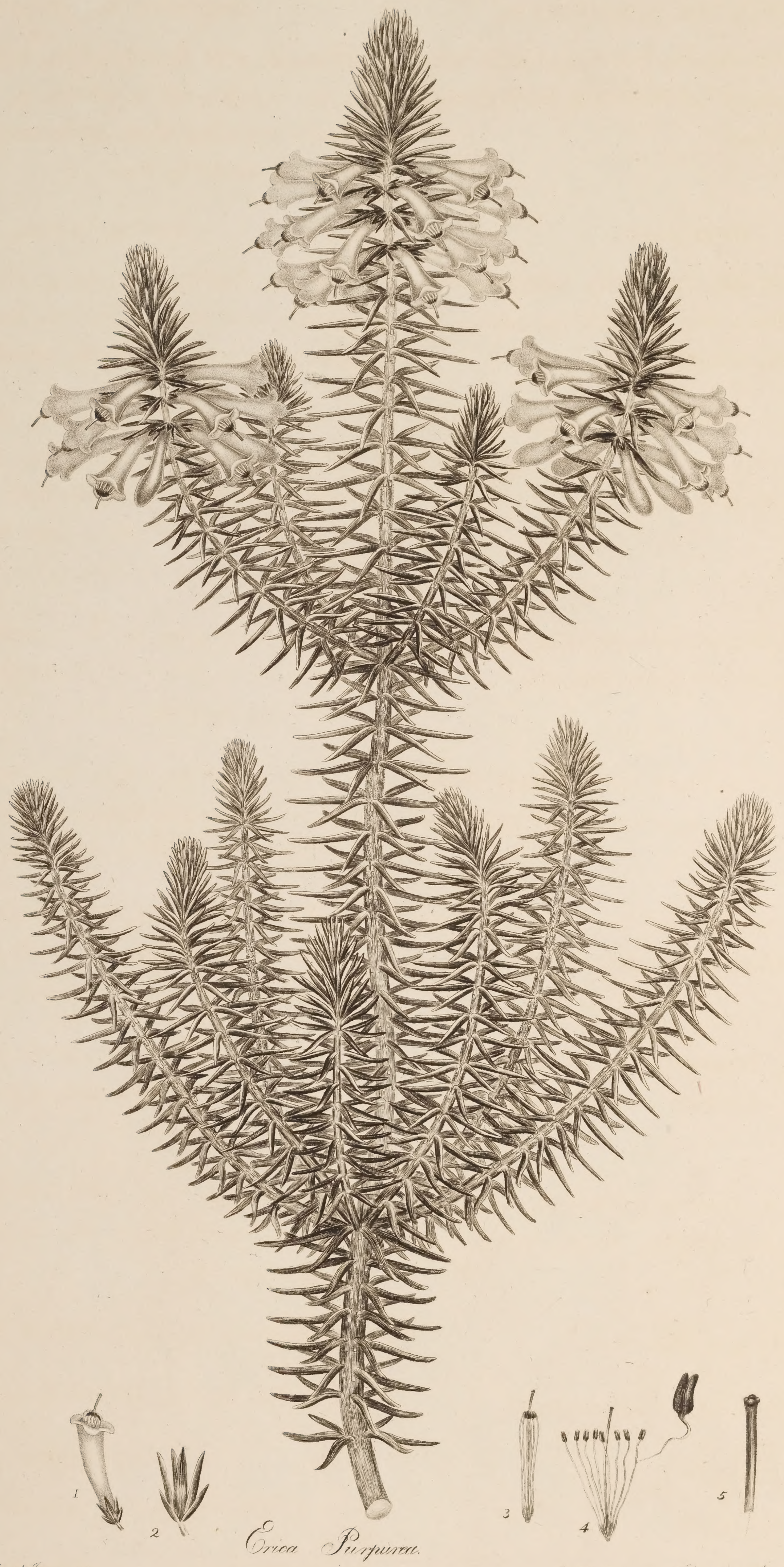

Erica Purpurea.

Pub.d as the Act directs June 1 1795

By H. Andrews No. 5 Denmark Street Soho

ERICA purpurea.

CHARACTER SPECIFICUS.

Erica, antheris muticis, exſertis; corollis verticillatis, tubuloſis, a baſi incurvata, ſenſim ampliatis; foliis ſubſenis.

DESCRIPTIO.

Caulis fruticoſus, erectus, bipedalis, pubeſcens, baſi ſimpliciſſimus, dein verticillatim ramoſus, ramis ſimplicibus, adſcendentibus.

Folia ſubſena, linearia, recurvato patentia, ſupra plana, ſubtus revoluta, acuta, rigida, breviſſimis adpreſſis petiolis.

Flores verticillati, ſubterminales, dilute purpurei, pedunculis breviſſimis inſtructi.

Calyx. Perianthium tetraphyllum, foliolis erectis, ovato-oblongis, acuminatis; bracteis binis adpreſſis.

Corolla tubuloſa, baſi incurvata, ſenſim verſus apicem dilatata; ore quadrilobo æquali patente.

Stamina. Filamenta octo capillaria, receptaculo inſerta. Antheræ muticæ, exſertæ, bipartitæ.

Pistillum. Germen turbinatum. Stylus filiformis, filamentis longior. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menſi Julii ad Decembrem.

REFERENTIA.

1. Calyx et Corolla.
2. Calyx et Bractea lente aucta.
3. Stamina et Piſtillum.
4. Stamina a Piſtillo diducta, anthera una lente aucta.
5. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with beardleſs tips, without the bloſſoms; which grow in whorls, are tubular, gradually widening from an incurved baſe; leaves growing moſtly by ſixes.

DESCRIPTION.

Stem ſhrubby, upright, grows two feet high, downy, quite intire at the baſe, then throws out a number of whorled, ſimple, aſcending branches.

Leaves growing generally in ſixes, linear, bent backward and ſpreading, plain on their upper, and rolled back on their under, ſurface, ſharp-pointed, inflexible, with ſhort leaf-ſtalks preſſed cloſely to the ſtem.

Flowers grow in whorls, nearly at the top of the branches, of a fine light purple, and furniſhed with very ſhort foot-ſtalks.

Empalement. Cup four-leaved, which are of an oblong-oval ſhape, upright, and pointed; with two floral-leaves cloſe to it.

Blossom tubular, with an incurved baſe, gradually widening towards the mouth, which is cut into four equal, ſpreading lobes.

Chives. Eight hair-like threads, fixed in the receptacle. Tips beardleſs, without the bloſſom, and deeply divided.

Pointal. Seed-veſſel turban-ſhaped. Shaft thread-ſhaped, longer than the threads. Summit four-cornered.

Native of the Cape of Good Hope.

In bloom from July till December.

REFERENCE.

1. The Empalement with the Bloſſom.
2. The Empalement and Floral-leaves magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.

Pub.^d as the Act directs June 1. 1795. *Erica mucosa.* *By H. Andrews. N.^o 25 Denmark Street Soho.*

ERICA mucoſa.

CHARACTER SPECIFICUS.

Erica, antheris ariſtatis, incluſis; corollis globoſis, mucoſis, faſciculatis, cernuo-patentibus, terminalibus; foliis quaternis.

DESCRIPTIO.

Caulis fruticoſus, tripedalis, ad baſin fere ramoſus, ramis longis, virgatis, flexuoſis.

Folia quaterna, ſubtriangularia, linearia, apice recurvata, obtuſa, glaberrima, ſubtus ſulcata; breviſſimis petiolis inſtructa.

Flores plures, terminales, faſciculati, cernuo-patentes, mucoſi, purpurei fulgenti; pedunculis longis, purpureis, 2 ſeu 3 bracteis, inſtructis.

Calyx. Perianthium tetraphyllum, foliolis ovatis, obtuſis, erectis, corolla dimidio brevioribus.

Corolla globoſa, limbo quadrilobo, laciniis ſemiorbiculatis, æqualibus, erectis.

Stamina. Filamenta octo capillaria, corolla breviora, receptaculo inſerta. Antheræ ariſtatæ, incluſæ.

Pistillum. Germen ſubrotundum. Stylus filamentis craſſior, erectus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menſi Auguſti ad Decembrem.

REFERENTIA.

1. Calyx et Corolla.

2. Calyx et Bractea lente aucta.

3. Stamina et Piſtillum.

4. Stamina a Piſtillo diducta, anthera una lente aucta.

5. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with bearded tips, within the bloſſoms; which are globe-ſhaped, clammy, and in bunches, bending downward, ſpreading, and terminating the branches; leaves growing by fours.

DESCRIPTION.

Stem ſhrubby, grows three feet high, branched nearly to the bottom, with long, ſlender, waving branches.

Leaves growing by fours, nearly triangular, linear, bent back at the point, blunt, ſmooth, and furrowed underneath; leaf-ſtems very ſhort.

Flowers ſeveral, terminating the branches in bunches, bending downward and ſpreading, of a brilliant purple, and clammy; with very long foot-ſtalks, which are furniſhed with 2 or 3 floral-leaves.

Empalement. Cup four-leaved, which are egg-ſhaped, blunt, upright, and half the length of the bloſſom.

Blossom globe-ſhaped, with a four-lobed border, each diviſion forming a half-round, equal, and upright.

Chives. Eight hair-like threads, ſhorter than the bloſſom, and fixed in the receptacle. Tips bearded, and within the bloſſom.

Pointal. Seed-veſſel roundiſh. Shaft thicker than the threads, and upright. Summit four-cornered.

Native of the Cape of Good Hope.

In bloom from Auguſt till December.

REFERENCE.

1. The Empalement with the Bloſſom.

2. The Empalement and Floral-leaves magnified.

3. The Chives and Pointal.

4. The Chives detached from the Pointal, one tip magnified.

5. The Shaft and its Summit magnified.

Erica Spicata.

Pub.d as the Act directs June 1. 1795

By H. Andrews N.o 25 Denmark Street Soho

ERICA ſpicata.

CHARACTER SPECIFICUS.

Erica, antheris ariſtatis, incluſis; floribus pluribus, denſé ſpicatis, ſubterminalibus; foliis ſubſenis.

DESCRIPTIO.

Caulis fruticoſus, pedalis, erectus, ramis pluribus, confertis, adſcendentibus.

Folia ſubſena, linearia, mucronata, patentia, glaberrima, ſubtus ſulcata, petiolis breviſſimis, cauli adpreſſis.

Flores plures, ſubterminales arcte ſtipati, in ſpicam duram; ima parte luteoli, ſumma vireſcens.

Calyx. Perianthium perſiſtens, duplex; *exterius* polyphyllum, foliolis lanceolatis, inæqualibus; *interius* tetraphyllum, flaveſcens, foliolis aduncis, ſpathulatis, ſumma inflata, calloſa, acuminata, connivente.

Corolla teretiuſcula, baſi attenuata, ore obtuſo, quadrifido, æquali, connivente.

Stamina. Filamenta octo, capillaria, corollæ ſubæqualia, receptaculo inſerta. Antheræ ariſtatæ, incluſæ.

Pistillum. Germen ſubrotundum. Stylus filiformis, ſtaminibus longior. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a Novembri in Aprilem.

REFERENTIA.

1. Calyx et Corolla.
2. Calyx et Bractea lente aucta.
3. Stamina et Piſtillum.
4. Stamina a Piſtillo diducta, anthera una lente aucta.
5. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with bearded tips, within the bloſſoms; which are numerous, on a cloſe ſpike, nearly terminating the branches; leaves growing moſtly by ſixes.

DESCRIPTION.

Stem ſhrubby, growing a foot high, upright, with numerous, crowded, undivided, and aſcending branches.

Leaves growing moſtly by ſixes, ſharp-pointed, ſpreading, and ſmooth, channelled underneath, and preſſed to the ſtem by ſhort foot-ſtalks.

Flowers numerous, growing nearly at the end of branches, in hard cloſe-ſet ſpikes; the lower part of a light yellow, the extremity of a light green.

Empalement. Cup permanent, double; the *outer* many-leaved, unequal, and ſpear-ſhaped; the *inner* four-leaved, which are yellow, crooked, and ſpatula-ſhaped; their upper part hard, inflated, ſharp-pointed, and tending to each other.

Blossom ſomewhat cylindrical, with a tapered baſe; the mouth blunt, and divided into a four-cleft, equal border, whoſe ſegments tend to each other.

Chives. Eight hair-like threads, nearly of a length with the bloſſom, fixed into the receptacle. Tips bearded, and within the bloſſom.

Pointal. Seed-veſſel roundiſh. Shaft thread-ſhaped, and longer than the threads. Summit four-cornered.

Native of the Cape of Good Hope.

In bloom from November till April.

REFERENCE.

1. The Empalement with the Bloſſom.
2. The Empalement and Floral-leaves magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal, one tip magnified.
5. The Shaft and its Summit magnified.

F. 388 43890

Number III.

ENGRAVINGS

OF

HEATHS,

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LONDON:

DRAWN, ENGRAVED, DESCRIBED, COLOURED, AND PUBLISHED,

BY

H. ANDREWS,

Nº 5, KNIGHTSBRIDGE.

To be had only of the Publiſher, and Meſſrs. WHITE, Fleet Street.

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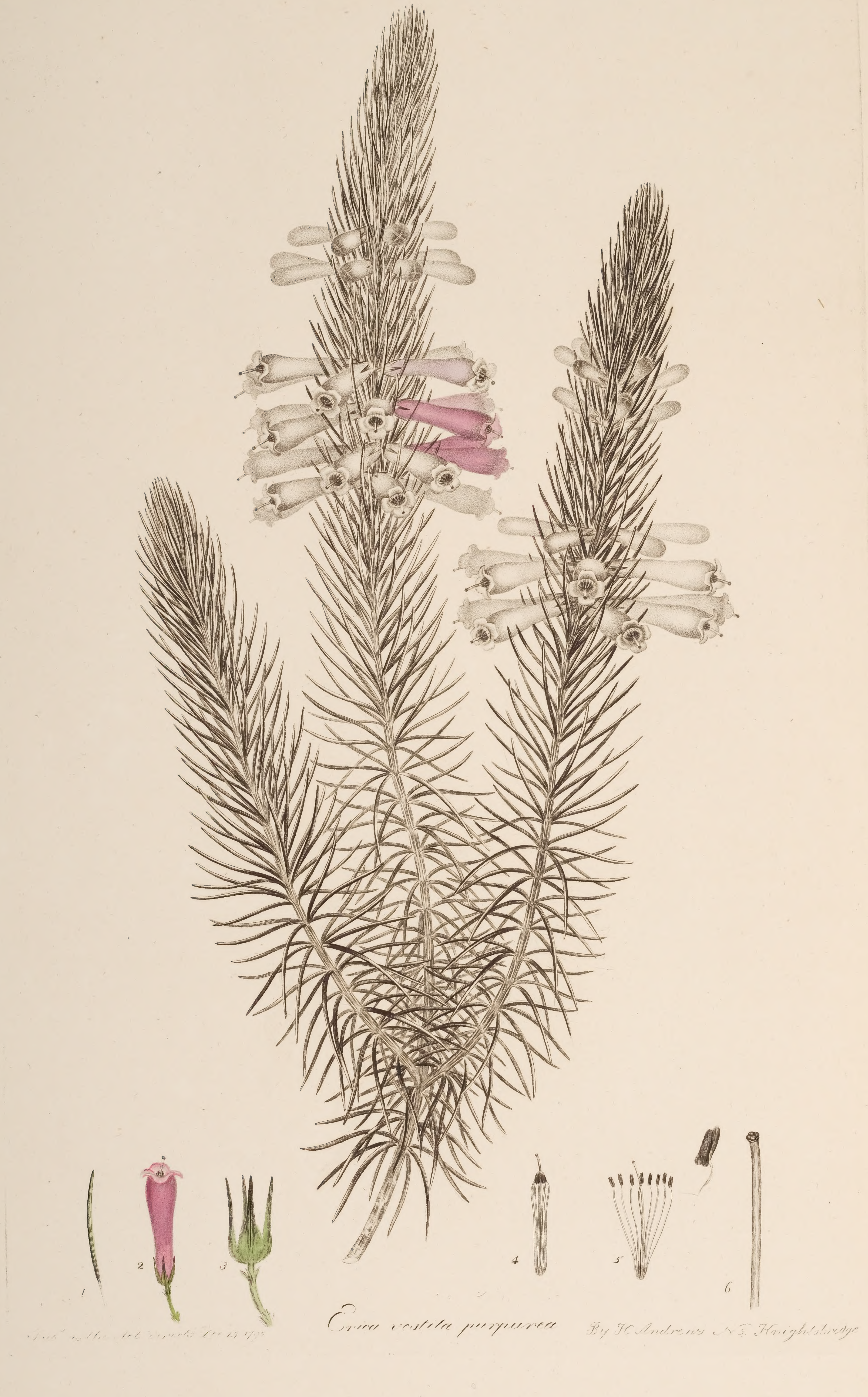

Erica vestita purpurea

Pub. as the Act directs Dec 15 1795

By H. Andrews N. 5 Knightsbridge

ERICA veſtita purpurea.

CHARACTER SPECIFICUS.

Erica, antheris muticis, ſubexſertis; foliis ſenis, linearibus, tremulentibus, attenuata in petiolos capillares, ſemiunguiculares; floribus axillaribus, clavatis, purpureis.

DESCRIPTIO.

Caulis fruticoſus, bipedalis, erectus, baſi ſimpliciſſimus, dein verticillatim ramoſus, ramis ſimplicibus, adſcendentibus.

Folia ſena, linearia, tremulanta, acuta, glabra, ſubtus leviter ſulcata, attenuata in petiolos capillares, ſemiunguiculares.

Flores in ramulis mediis verticillati, recti; pedunculis brevibus, bracteis tribus inſtructis.

Calyx. Perianthium tetraphyllum, foliolis lanciolatis, baſi ſerratis, viridis, glabris.

Corolla clavata, pollicaria, obtuſa, recta, purpurea, ore arctato, limbo quadrifido, reflexo.

Stamina. Filamenta octo, capillaria, receptaculo inſerta. Antheræ muticæ, ſubexſertæ.

Piſtillum. Germen turbinatum, apice, pilis longis, plumoſis, octofarium coronatum. Stylus filiformis, exſertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menſi Julii in Januarium.

REFERENTIA.

1. Folium unum cum petiolo.
2. Calyx et Corolla.
3. Calyx lente auctus.
4. Stamina et Piſtillum.
5. Stamina a Piſtillo diducta; anthera una lente aucta.
6. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with beardleſs tips, almoſt without the bloſſom; leaves grow by ſixes, linear, tremulous, and tapering into hair-like foot-ſtalks a quarter of an inch long; the flowers grow from the baſe of the leaves, are club-ſhaped, and purple.

DESCRIPTION.

Stem ſhrubby, grows two feet high, and upright, ſimple at the baſe, then branching out from a whorl into ſimple aſcending branches.

Leaves grow by ſixes, are linear, tremulous, ſharp-pointed, ſmooth, lightly furrowed on the under part, and tapering into hair-like leaf-ſtems a quarter of an inch in length.

Flowers are in whorls about the middle of the branches, ſtraight out, having ſhort foot-ſtalks with three floral leaves.

Empalement. Cup four-leaved, which are lance-ſhaped, ſawed at the baſe, green, and ſmooth.

Blossom club-ſhaped, an inch long, blunt, ſtraight, and purple, compreſſed at the mouth, with a four-lobed, reflexed border.

Chives. Eight hair-like threads fixed into the receptacle. Tips beardleſs, and nearly of a length with the bloſſom.

Pointal. Seed-veſſel turban-ſhaped, the top crowned by eight plumes of long hairs. Shaft thread-ſhaped, and without the bloſſom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July till January.

REFERENCE.

1. A leaf with its foot-ſtalk.
2. The Empalement and Bloſſom.
3. The Empalement magnified.
4. The Chives and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft and its Summit magnified.

Erica versicolor.

Pub.d as the Act directs June 1.st 1796

by H. Andrews N.o 5 Knightsbridge.

ERICA verſicolor.

CHARACTER SPECIFICUS.

ERICA, antheris muticis, ſubincluſis; ſtylo exſerto; corollis ſubcylindraceis, coſtatis, variè coloratis; foliis ternis.

DESCRIPTIO.

CAULIS fruticoſus, bipedalis, erectus, attenuatus in apicem; ramis ſimplicibus.

FOLIA terna, linearia, ſubulata, ſupra plana, ſubtus ſulcata, glabra, ſaturate viridia; petiolis breviſſimis, adpreſſis.

FLORES plures, ſubcernui, tres, quatuorve ramuli terminantes prope caulis ſummitatem; pedunculi breviſſimi.

CALYX. Perianthium duplex, *interius* tetraphyllum, foliolis aurantiis, apice ſulcatis, adpreſſis; *exterius* triphyllum, priori brevioribus, apice vireſcentibus.

COROLLA ſubcylindracea, medio paulula arctata, coſtata, ima parte aurantia, apice vireſcens; laciniis reflexis.

STAMINA. Filamenta octo, ima parte ſpathulata, ſumma linearia, receptaculo inſerta. Antheræ muticæ, ſubincluſæ.

PISTILLUM. Germen orbiculatum, ſulcatum. Stylus filiformis, exſertus. Stigma tetragonum, vireſcens.

Habitat ad Caput Bonæ Spei.

Floret a menſi Octobris, in Aprilem.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx lente auctus.
3. Stamina, et Piſtillum.
4. Stamina a Piſtillo diducta; anthera una cum filamentis, lente aucta.
5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

HEATH, with beardleſs tips, juſt within the bloſſom, the pointal without; the bloſſoms are nearly cylindrical, ribbed, and variouſly coloured; leaves grow by threes.

DESCRIPTION.

STEM ſhrubby, grows two feet high, erect, tapering to the top; the branches are nearly ſimple.

LEAVES grow by threes, linear, awl-ſhaped, flat on the upper, and furrowed on the under ſurface, ſmooth, and of a deep green; with very ſhort foot-ſtalks preſſed to the branches.

The FLOWERS are numerous, bending a little downward, terminating the ſmall branches by threes or fours, near the top of the ſtem; the foot-ſtalks being very ſhort.

EMPALEMENT. The cup is double, the *inner* is four-leaved, which are orange-coloured, furrowed at the point, and preſſed to the bloſſom; the *outer* is three-leaved, ſhorter than the inner, and greeniſh at the points.

The BLOSSOM is nearly cylindrical, a little narrowed at the middle, ribbed, the lower part orange colour, the mouth greeniſh, whoſe ſegments are reflexed.

CHIVES. Eight threads, whoſe lower parts are ſpatula-ſhaped, and upper linear, fixed into the receptacle. Tips beardleſs, and almoſt within the bloſſom.

POINTAL. Seed-veſſel globe-ſhaped, and furrowed. Shaft thread-ſhaped, and without the bloſſom. Summit four-cornered and greeniſh.

Native of the Cape of Good Hope.

Flowers from October, till April.

REFERENCE.

1. The Empalement, and Bloſſom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip with its thread, magnified.
5. The Shaft, and its Summit, magnified.

Pub.^d as the Act directs Dec.^r 1.^st 1795 *Erica Pattersonia.* By H. Andrews N.^o 25 Denmark Street Soho

ERICA Patterſonia.

CHARACTER SPECIFICUS.

Erica, antheris ariſtatis, incluſis; foliis quaternis, floribus axillaribus, e foliis emergentibus, cylindricis, luteis.

DESCRIPTIO.

Caulis fruticoſus, bipedalis, erectus, baſi ramoſus, dein ſimpliciſſimus, pyramidatus, ramulis breviſſimis veſtitus.

Folia quaterna, linearia, incurvata, acuta, glabra, ſubtus ſulcata, petiolis breviſſimis, adpreſſis.

Flores plures, axillares, in medio cauli e foliis recti emergentes, pedunculis fere nullis.

Calyx. Perianthium duplex, *exterius* triphyllum, foliolis ovatis, acuminatis, *interius* tetraphyllum, foliolis ſubulatis, apice recurvatis.

Corolla cylindrica, ſubpollicaria, glabra, lutea, ore arctato, quadrifido limbo reflexo.

Stamina. Filamenta octo capillaria, corollæ ſubæqualia, receptaculo inſerta. Antheris ariſtatis.

Pistillum. Germen campanulatum. Stylus filiformis, tortuoſus, exſertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a Martio ad Auguſtum.

REFERENTIA.

1. Calyx et Corolla.
2. Calyx lente auctus.
3. Stamina et Piſtillum.
4. Stamina a Piſtillo diducta anthera una lente aucta.
5. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with bearded tips, within the bloſſom; leaves growing by fours, the flowers grow cloſe to the ſtem, peeping out from amongſt the leaves, are cylindrical, and yellow.

DESCRIPTION.

Stem ſhrubby, two feet high, upright, branching out at the baſe, then forming a ſimple, pyramidal ſpike, covered by very ſhort branches.

Leaves grow by fours, linear, curved, ſharp-pointed, and ſmooth, furrowed underneath, having ſhort leaf-ſtems preſſed to the branches.

Flowers are numerous, growing cloſe to, and about the middle of the ſtem, peeping ſtraight out from amongſt the leaves, with ſcarce any foot-ſtalks.

Empalement. Cup, double the *outer* three-leaved, which are oval, and pointed, the *inner* four-leaved, being awl-ſhaped, and bent back at the point.

Blossom cylindrical, near an inch long, ſmooth, yellow, and narrow at the mouth, having a four-lobed, reflexed border.

Chives. Eight hair like threads, nearly the length of the bloſſom, fixed into the receptacle. Tips bearded.

Pointal. Seed-veſſel bell-ſhaped. Shaft thread-ſhaped, twiſted, and without the bloſſom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from March till Auguſt.

REFERENCE.

1. The Empalement and Bloſſom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and its Summit magnified.

Pub. as the Act directs Dec 1st 1799. *Erica Massonia* By H. Andrews No. 5 Knightsbridge.

ERICA Maſſonia.

CHARACTER SPECIFICUS.

Erica, antheris muticis, incluſis; corollis ſubcylindricis, viſcoſis, ſpecioſiſſimis, tricoloratis; foliis ſubquaternis, pilis longis veſtitis.

DESCRIPTIO.

Caulis fruticoſus, erectus, bipedalis, baſi ſimpliciſſimus, dein ramoſus, rami ſuberecti, foliis toti tecti.

Folia ſubquaterna, oblonga, ſerrata, pilis longis veſtita, ſupra plana, ſubtus ſulcata, petiolis breviſſimis adpreſſis.

Flores ſubterminales, plures, ſimplice verticillati, cernuo-patenti, pedunculi piloſi, foliolis tribus ſubtus inſtructi.

Calyx. Perianthium tetraphyllum, foliolis lanciolatis, hirſutis, adpreſſis, apicibus revolutis.

Corolla ſubcylindracea, micans, viſcoſa, rubra, lutea et viridia ſpecioſiſſime colorata, ore arctato, quadrifido.

Stamina. Filamenta octo capillaria, longitudine tubi, receptaculo inſerta. Antheræ muticæ.

Pistillum. Germen clavatum, ſulcatum. Stylus filiformis, ſubexſertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menſi Auguſti ad Decembrem.

REFERENTIA.

1. Calyx et Corolla.
2. Calyx lente auctus.
3. Stamina et Piſtillum.
4. Stamina a Piſtillo diducta, anthera una lente aucta.
5. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with beardleſs tips, within the bloſſom, which are nearly cylindrical, clammy, moſt beautiful, and three-coloured; the leaves grow moſtly by fours, and are entirely covered with long hairs.

DESCRIPTION.

Stem ſhrubby, upright, grows two feet high, ſimple at the baſe, then branching, the branches nearly upright, and quite covered by the leaves.

Leaves grow moſtly by fours, oblong, ſawed, clothed with long hairs, ſmooth on the upper, and furrowed on the under part, having very ſhort leaf-ſtems preſſed to the branches.

Flowers are numerous, in ſingle whorls, near the ſummit of the branches, bending downward, and ſpreading, the foot-ſtalks hairy, with three ſmall leaves fixed on their under part.

Empalement. Cup four-leaved, which are lance-ſhaped, hairy, preſſed to the bloſſom, and rolled back at the point.

Blossom nearly cylindrical, ſhining, clammy, and moſt beautifully coloured with red, yellow, and green, narrow at the mouth, which is divided into four ſegments.

Chives. Eight hair-like threads, the length of the bloſſom, fixed into the receptacle. Tips beardleſs.

Pointal. Seed-veſſel club-ſhaped, and furrowed. Shaft thread-ſhaped, rather without the bloſſom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from Auguſt till December.

REFERENCE.

1. The Empalement and Bloſſom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft and its Summit magnified.

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Number IV.

ENGRAVINGS

OF

HEATHS,

WITH

BOTANICAL DESCRIPTIONS,

IN

LATIN AND ENGLISH.

TAKEN FROM

LIVING SPECIMENS.

TO BE CONTINUED

TILL ALL THE KNOWN SPECIES ARE COMPLETED.

LONDON:

DRAWN, ENGRAVED, DESCRIBED, COLOURED, AND PUBLISHED,

BY

H. ANDREWS,

Nº 5, KNIGHTSBRIDGE.

N.B. In the courſe of a few Numbers will be given a ſhort Botanical Dissertation on the Genus of Heaths, with their Mode of Culture.

Erica coronata

Pub.^d as the Act directs June 1.^st 1796

by H. Andrews N.° 5 Knightsbridge

ERICA coronata.

CHARACTER SPECIFICUS.

Erica, antheris ariſtatis, incluſis; foliis octonis, tremulentibus, obtuſis, ſcabroſis; corollis ſpecioſiſſimis, verticillatis, confertis, cylindrico-clavatis.

DESCRIPTIO.

Caulis fruticoſus, erectus, bipedalis, baſi ſimpliciſſimus, rami pauci, ſimplices, longi.

Folia octona, linearia, obtuſa, ſupra ſcabra, ſubtus ſulcata, attenuata in petiolos longos capillares.

Flores plures, ſubterminales, ſimpliciter verticillati, conferti, viſcoſi; pedunculi longi recurvati; bracteis tribus inſtructi.

Calyx. Perianthium tetraphyllum, foliolis lanceolatis, viſcoſis, adpreſſis.

Corolla cylindrico-clavata, pollicaria, apice recurvata, ima parte profundé carnea, apice viridia, ore arctata, laciniis rectis.

Stamina. Filamenta octo capillaria; receptaculo inſerta. Antheræ ariſtatæ, incluſæ.

Pistillum. Germen clavatum, ſulcatum. Stylus filiformis, ſubexſertus. Stigma peltata, concava, viridia.

Habitat ad Caput Bonæ Spei.

Floret a Februarii, in Aprilem.

REFERENTIA.

1. Folium unum, cum petiolo.
2. Calyx, et Corolla.
3. Calyx lente auctus.
4. Stamina, et Piſtillum.
5. Stamina a Piſtillo diducta; anthera una lente aucta.
6. Stylus, et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with bearded tips, within the bloſſom; the leaves grow by eights, are tremulous, blunt-ended, and rough; the flowers are moſt beautiful, grow in whorls, are cylindrically club-ſhaped, and crowded together.

DESCRIPTION.

Stem ſhrubby, erect, grows two feet high, ſimple at the baſe, with but few branches, which are ſimple, and long.

Leaves grow by eights, are linear, blunt, rough on their upper, and furrowed on their under ſurface, tapering into long hair-like foot-ſtalks.

The Flowers are numerous, nearly terminating the branches, in ſimple whorls, crowded together, and clammy; the foot-ſtalks are long, bent backward, with three floral leaves.

Empalement. Cup four-leaved, which are lance-ſhaped, clammy, and preſſed to the bloſſom.

Blossom cylindrically club-ſhaped, an inch long, bent back at the point, the lower part of a ſtrong fleſh colour, the end green, compreſſed at the mouth, whoſe ſegments are ſtraight out.

Chives. Eight hair-like threads fixed into the receptacle. Tips bearded, and within the bloſſom.

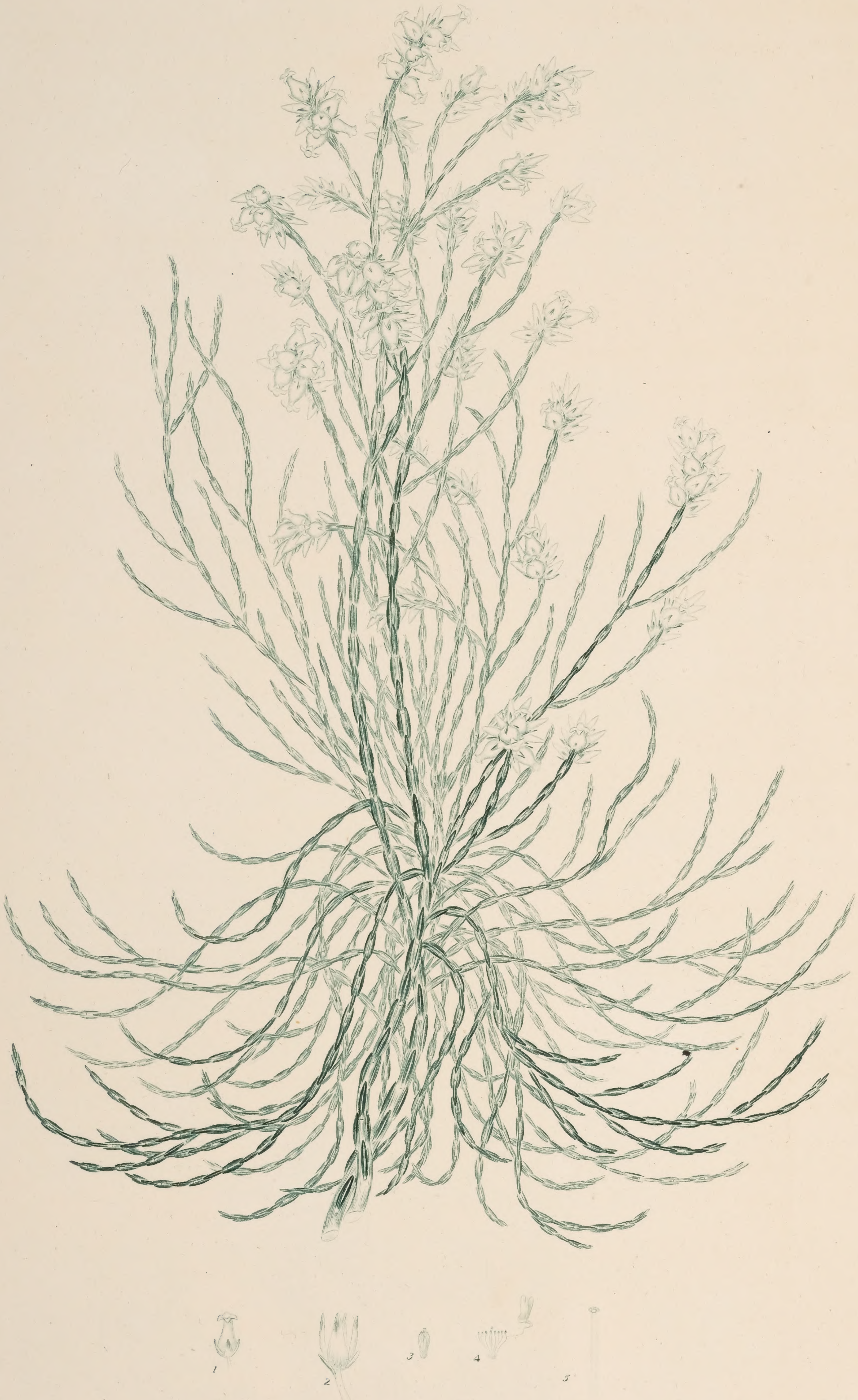
Pointal. Seed-veſſel club-ſhaped, and furrowed. Shaft thread-ſhaped, almoſt without the bloſſom. Summit ſhield-ſhaped, concave, and green.

Native of the Cape of Good Hope.

Flowers from February, till April.

REFERENCE.

1. A Leaf, with its foot-ſtalk.
2. The Empalement, and Bloſſom.
3. The Empalement magnified.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft, and its Summit magnified.



Erica lutea

Pub.d as the Act directs June 1.st 1796 by H. Andrews N.o 5 Knightsbridge

ERICA lutea.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclufis; corollis ovato-acuminatis, luteis; foliis oppofitis, adpreffis, triquetris.

DESCRIPTIO.

Caulis laxus, filiformis, gracilis, ad bafin ramofus; ramuli conferti.

Folia oppofita, linearia, adpreffa, triquetra, fupra concava, fubtus carinata, fulcata, nitida; petiolis breviffimis, adpreffis.

Flores plures, conglomerati, fubterminales; pedunculi capillares, lutei; bracteis binis.

Calyx. Perianthium tetraphyllum, foliolis ovatis, acuminatis, luteis, glabris.

Corolla lutea, ovato-acuminata, ore arctata; limbo quadrilobo, fubreflexo.

Stamina. Filamenta octo capillaria, corollæ dimidio breviora, apice recurvata, receptaculo inferta. Antheræ muticæ, inclufæ, parvæ.

Pistillum. Germen cylindricum, fulcatum. Stylus filiformis, purpureus, filamentis duplo longior. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a Septembri, in Maium.

REFERENTIA.

1. Calyx, et Corolla.

2. Calyx lente auctus.

3. Stamina, et Piftillum.

4. Stamina a Piftillo diducta; anthera una lente aucta.

5. Stylus, et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with beardlefs tips, within the bloffoms, which are of a pointed oval fhape, and yellow; the leaves grow oppofite in pairs, are three-fided, and preffed to the ftem.

DESCRIPTION.

Stem flexible, thread-fhaped, and flender, branching to the bottom; the branches crowded together.

The Leaves grow oppofite in pairs, are linear, preffed to the ftem, three-fided, concave on the upper, and keel-fhaped on the under furface, furrowed, and fhining; having very fhort leaf-ftems preffed to the branches.

Flowers are numerous, clofe together, and nearly terminating the branches; the foot-ftalks are hair-like, and yellow, having two floral leaves.

Empalement. Cup four-leaved, which are oval, pointed, yellow, and fmooth.

The Blossom yellow, of a pointed oval fhape, compreffed at the mouth; having a flightly reflexed, four-lobed border.

Chives. Eight hair-like threads, half the length of the bloffom, bent back at the point, and fixed into the receptacle. Tips beardlefs, within the bloffom, and fmall.

Pointal. Seed-veffel cylindrical, and furrowed. Shaft thread-fhaped, purple, and twice as long as the chives. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from September, till May.

REFERENCE.

1. The Empalement, and Bloffom.

2. The Empalement magnified.

3. The Chives, and Pointal.

4. The Chives detached from the Pointal; one tip magnified.

5. The Shaft, and its Summit magnified.

Pub.d as the Act directs Sept 1st 1796

Erica exsurgens

by H. Andrews No. 5 Knightsbridge

ERICA exſurgens.

CHARACTER SPECIFICUS.

Erica, antheris muticis, exſertis; foliis quaternis, mucronatis, apicibus reflexis; corollis clavato-cylindraceis, verticillatis, aurantiis.

DESCRIPTIO.

Caulis fruticoſus, pedalis et ultra, erectus, baſi ſimpliciſſimus; rami verticillati, ſimplices, erecti.

Folia quaterna, linearia, glabra, apice reflexa, mucronata, ſupra plana, ſubtus ſulcata, unguicularia, petiolis adpreſſis.

Flores in medio ramorum verticillati, recti; verticilli alter alteri exſurgentes; pedunculi longi, bracteis tribus inſtructi.

Calyx. Perianthium tetraphyllum, foliolis lanceolatis, acuminatis, carinatis, viſcoſis, adpreſſis.

Corolla clavato-cylindrica, pollicaria, aurantia; ore limbo quadrilobo revoluto, laciniis ſuperioribus longioribus.

Stamina. Filamenta octo capillaria, receptaculo inſerta. Antheræ muticæ, magnæ, exſertæ.

Pistillum. Germen clavatum, ſulcatum. Stylus filiformis, ſtaminibus longior. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menſi Septembri, in Martium.

REFERENTIA.

1. Calyx, et Corolla.

2. Calyx lente auctus.

3. Stamina, et Piſtillum.

4. Stamina a Piſtillo diducta; anthera una lente aucta.

5. Stylus, et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with beardleſs tips, without the bloſſom; leaves grow by fours, are ſharp pointed, and bent back at the point; the bloſſoms are cylindrically club-ſhaped, grow in whorls, and orange coloured.

DESCRIPTION.

Stem ſhrubby, rather more than a foot high, upright, and ſimple at the baſe; the branches grow in whorls, are ſimple and upright.

The Leaves grow by fours, are linear, ſmooth, bent downward at the point, which is ſharp, ſmooth on the upper, and furrowed on the under ſurface, half an inch long, with the footſtalks preſſed to the branches.

The Flowers grow in whorls about the middle of the branches, ſtraight out; the whorls riſe out of each other in ſucceſſion; the foot-ſtalks are long, having three floral leaves.

Empalement. Cup four-leaved, which are lance-ſhaped, tapered, keel-ſhaped, clammy, and preſſed to the bloſſom.

Blossom, cylindrically club-ſhaped, an inch long and orange coloured; the ſegments of the mouth are four, which are rolled back, the upper longer than the lower ones.

Chives. Eight hair-like threads, fixed into the receptacle. Tips beardleſs, very large, and without the bloſſom.

Pointal. Seed-veſſel club-ſhaped, and furrowed. Shaft thread-ſhaped, and longer than the chives. Summit, four-cornered.

Native of the Cape of Good Hope.

Flowers from September, till March.

REFERENCE.

1. The Empalement, and Bloſſom.

2. The Empalement magnified.

3. The Chives, and Pointal.

4. The Chives, detached from the Pointal; one tip magnified.

5. The Shaft and its Summit magnified.

Erica baccans.

Pub^d as the Act directs July 1.1795
By H. Andrews N^o 5 Knightsbridge

ERICA baccans.

CHARACTER SPECIFICUS.

Erica, antheris criſtatis, incluſis; folia quaterna, rigida, glauca; corollis globoſis, umbellatis, calycibuſque purpureis.

DESCRIPTIO.

Caulis fruticoſus, erectus, ſeſquipedalis; ramoſiſſimus, rami rigidi, erecti, torti.

Folia quaterna, glauca, incurvata, ſubtus ſulcata, rigida, ſerrulata.

Flores terminales, plerumque quatuor, umbellati, nutantes; pedunculi longi, purpurei, bracteis tribus inſtructi.

Calyx. Perianthium tetraphyllum, foliolis ovatis, carinatis, adpreſſis.

Corolla globoſa purpurea, ima quadrata; limbo quadrilobo, laciniis æqualibus, erectis.

Stamina. Filamenta octo capillaria, receptaculo inſerta; antheræ criſtatæ, incluſæ.

Pistillum. Germen globoſum, magnum, ſulcatum; ſtylus ſubexſertus, pyramidatus; ſtigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menſi Aprilis, in Julium.

REFERENTIA.

1. Calyx, et Corolla.

2. Calyx lente auctus.

3. Stamina, et Piſtillum.

4. Stamina a Piſtillo diducta, anthera una lente aucta.

5. Piſtillum, et Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with creſted tips, within the bloſſom; the leaves grow by fours, are harſh, and of a whitiſh green; the flowers are globular, in bunches, and are, as well as their cups, purple.

DESCRIPTION.

Stem ſhrubby, upright, a foot and a half high, and very branching; the branches are harſh, upright, and twiſted.

Leaves grow by fours, are of a whitiſh green, and bent inwards, furrowed beneath, inflexible, and ſlightly ſawed at the edge.

Flowers grow at the ends of the branches, moſtly by fours, in bunches, and nodding; the foot-ſtalks are long, and purple, having three floral leaves.

Empalement. Cup four-leaved, which are egg-ſhaped, keeled, and preſſed to the bloſſom.

Blossom globular, purple, and ſquared at the baſe; the border four-lobed, the ſegments of which are upright, and equal.

Chives. Eight hair-like threads fixed into the receptacle; the tips creſted, and within the bloſſom.

Pointal. Seed-veſſel globular, large, and furrowed; the ſhaft nearly without the bloſſom, tapering from the baſe; the ſummit four-cornered.

Native of the Cape of Good Hope.

Flowers from April, till July.

REFERENCE.

1. The Empalement, and Bloſſom.

2. The Empalement magnified.

3. The Chives, and Pointal.

4. The Chives detached from the Pointal; one tip magnified.

5. The Pointal, and Seed-veſſel, magnified.

Erica retorta.

Pub.d as the Act Directs Sept. 1796. by H. Andrews, 5. Knightsbridge.

ERICA retorta.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclufis; foliis quaternis, retortis, apice fetaceis, margine ciliatis; floribus umbellatis, vifcofis, carneis, ampullaceis.

DESCRIPTIO.

Caulis fructicofus, pedalis, erectus, ramofus; rami flexuofi, filiformes.

Folia quaterna, retorta, feta terminali ariftata, margine ciliata, glabra, fupra plana, fubtus fulcata; petioli breviffimi, adpreffi.

Flores plures, fubterminales, fæpe quatuor, verticillati, vifcofi; pedunculi longi, bracteis tribus inftructi.

Calyx. Perianthium tetraphyllum, foliolis ariftatis, apice ciliatis, fubovatis, vifcofis, adpreffis.

Corolla, bafi inflata, apice attenuata, ima parte carnea, fumma faturate purpurea, ore arctata, laciniis ovatis, reflexis.

Stamina. Filamenta octo capillaria, receptaculo inferta; antheræ inclufæ, villofo-muticæ.

Pistillum. Germen clavatum; ftylus exfertus purpureus; ftigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menfi Julii, in Octobrem.

REFERENTIA.

1. Folium unum lente auctum.
2. Calyx, et Corolla.
3. Calyx lente auctus.
4. Stamina, et Piftillum.
5. Stamina a Piftillo diducta; anthera una lente aucta.
6. Stylus, et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with beardlefs tips, within the bloffom; the leaves grow by fours, are rolled back, having briftles at their points, and fringed at their edges; the flowers grow in bunches, are clammy, flefh coloured, and flafk-fhaped.

DESCRIPTION.

Stem fhrubby, grows about a foot high, and upright; the branches are crooked, and thread-fhaped.

The Leaves grow by fours, are rolled back, terminating with an awn-like briftle, fringed at the edges, fmooth, flat on the upper and furrowed on the under part, having fhort foot-ftalks preffed to the branches.

The Flowers are numerous, nearly terminal, moftly by fours, in whorls, and clammy; the foot-ftalks are long, having three floral leaves.

Empalement. Cup four-leaved, which are each terminated by a briftle, the ends fringed, nearly oval, clammy, and preffed to the bloffom.

The Blossom is fwelled out at the bafe, and tapers to the point, the lower part is of a flefh colour, the upper deep purple, ftraightened at the mouth, whofe fegments are egg-fhaped, and bent back.

Chives. Eight hair-like threads fixed into the receptacle; the tips are within the bloffom, beardlefs, and covered with hairs.

Pointal. Seed-veffel club-fhaped; fhaft without the bloffom, and purple; fummit four-cornered.

Native of the Cape of Good Hope.

In bloom from July, till October.

REFERENCE.

1. One leaf magnified.
2. The Empalement, and Bloffom.
3. The Empalement magnified.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft and its Summit magnified.

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Number VI.

ENGRAVINGS

OF

HEATHS,

WITH

BOTANICAL DESCRIPTIONS,

IN

LATIN AND ENGLISH.

TAKEN FROM

LIVING SPECIMENS.

TO BE CONTINUED

TILL ALL THE KNOWN SPECIES ARE COMPLETED.

LONDON:

DRAWN, ENGRAVED, DESCRIBED, COLOURED, AND PUBLISHED,

BY

H. ANDREWS,

Nº 5, KNIGHTSBRIDGE.

(Near Morley's Floor Cloth Manufactory.)

N.B. In the course of a few Numbers will be given a short BOTANICAL DISSERTATION on the GENUS of HEATHS, with their Mode of Culture.

Erica Aitonia.

Pub.d as the Act directs Nov.r 1. 1796.

by H. Andrews No. 5 Knightsbridge.

ERICA aitonia.

CHARACTER SPECIFICUS.

Erica, antheris bafis bicornibus, inclufis; corollis longiffimis, vifcofis, fulcatis, fefquipollicaribus, laciniis maximis, cordatis; foliis ternis.

DESCRIPTIO.

Caulis, rami, ramulique filiformes, flexibiles; rami fimplices, longi.

Folia terna, apice patentia, ferrata, acuminata, craffa, fubtus fulcata.

Flores terminales, umbellati, terni, erecti, pedunculi longiffimi, purpurei, bracteis tribus, coloratis, inftructi.

Calyx. Perianthium tetraphyllum, foliolis fpathulatis, craffis, vifcofis, apicibus obtufis, extra concavis.

Corolla fefquipollicaris, fulcata, linearia, fumma inflata, ore arctata; laciniis cordatis, maximis, expanfis; extra dilute carnea, intus albida.

Stamina. Filamenta octo capillaria, torta; antheræ bafi bicornes, apice cornutæ, inclufæ.

Pistillum. Germen oblongum, fulcatum; ftylus rectus, filiformis exfertus, purpureus; ftigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menfi Julii, in Octobrem.

REFERENTIA.

1. Calyx, et Corolla.
2. Calyx lente auctus.
3. Stamina, et Piftillum.
4. Stamina a Piftillo diducta, anthera una lente aucta.
5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

Heath, whofe tips have two horns at their bafe, and within the bloffoms, which are extremely long, clammy, furrowed, of an inch and a half in length, the fegments large, and heart-fhaped; the leaves grow by fours.

DESCRIPTION.

The Stem, as well as the larger and fmaller branches, are thread-fhaped, and fupple; the branches are fimple, and long.

The Leaves grow by threes, fpreading out at the end, fawed, fharp-pointed, thick and furrowed underneath.

The Flowers grow at the fummit of the branches, three in a bunch, and upright; the foot-ftalks are very long, and purple, having three coloured floral leaves.

Empalement. Cup four-leaved, which are fpathula-fhaped, thick, clammy, blunt at their ends, and hollow without.

The Blossom is an inch and a half long, channelled, and linear, fwelled at the end, and narrowed at the mouth; the fegments of the border are very large, and expanded; of a light flefh colour on the outfide, white within.

Chives. Eight hair-like threads twifted; tips two horned at their bafe, the points horned, and within the bloffom.

Pointal. Seed-veffel oblong, and furrowed; the fhaft ftraight, thread-fhaped, purple, and without the bloffom; fummit four-cornered.

Native of the Cape of Good Hope.

Flowers from July, till October.

REFERENCE.

1. The Empalement, and Bloffom.
2. The Empalement magnified.
3. The Chives, and Pointal.
4. The Chives detached from the Pointal; one tip magnified.
5. The Shaft, and its Summit, magnified.

Erica calycina.

Pub.d as the Act directs Feb.y 1. 1797 by H. Andrews, No 5 Knightsbridge

ERICA calycina.

CHARACTER SPECIFICUS.

Erica, antheris criſtatis, incluſis; foliis ternis; rami filiformes; corollis minutis, urceoli-formes; calycis foliola corolla longiora; pedunculis longiſſimis.

DESCRIPTIO.

Caulis filiformis, ſpithameus, erectus, ramoſiſſimus.

Folia terna, lanceolata, ſupra concava, adpreſſa, glabra; petiolis breviſſimis.

Flores plures, in ultimis ramulis terminales, umbellati; pedunculis carneis, longiſſimis, bracteis tribus coloratis inſtructis.

Calyx. Perianthium tetraphyllum, foliolis lato-ovatis, carneis, corolla longiora.

Corolla minuta, urceoli-formis, apice dilute carnea, ad baſi vireſcens; oris laciniis reflexis, ſaturate carneis.

Stamina. Filamenta octo capillaria; antheræ criſtatæ, incluſæ.

Pistillum. Germen ſub-globoſum. Stylus ſub-exſertus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menſi Septembri, in Decembrem.

REFERENTIA.

1. Calyx, et Corolla.
2. Corolla.
3. Calyx lente auctus.
4. Stamina, et Piſtillum.
5. Stamina a Piſtillo diducta; anthera una lente aucta.
6. Stylus, et Stigma lente, aucta.

SPECIFIC CHARACTER.

Heath, with creſted tips, within the bloſſom; the leaves grow by threes; the branches are thread-ſhaped, the bloſſoms ſmall and pitcher-ſhaped; the leaves of the cup are longer than the flower, the foot-ſtalks very long.

DESCRIPTION.

Stem thread-ſhaped, grows half a foot high, upright, and very much branched.

The Leaves grow by threes, are lance-ſhaped, concave on the upper ſurface, preſſed to the ſtem, and ſmooth, having very ſhort foot-ſtalks.

The Flowers are numerous, and terminate the ſmaller branches in bunches; the foot-ſtalks are very long, fleſh coloured, with three coloured floral leaves.

Empalement. Cup four-leaved, which are of a broad oval form, fleſh coloured, and longer than the bloſſom.

The Blossom is ſmall, of a pitcher-ſhape, light fleſh colour at the end, greeniſh at the baſe; the ſegments of the mouth are bent back, and deep fleſh coloured.

Chives. Eight hair-like threads; the tips creſted, and within the bloſſom.

Pointal. Seed-veſſel nearly globular; the ſhaft thread-ſhaped, partly out of the bloſſom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from September, till December.

REFERENCE.

1. The Empalement, and Bloſſom.
2. The Bloſſom.
3. The Empalement magnified.
4. The Chives, and Pointal.
5. The Chives detached from the Pointal; one tip magnified.
6. The Shaft, and its Summit, magnified.

Erica cruenta.

Pub.d as the Act directs Dec.r 1.1796.

by H. Andrews N.o 5 Knightsbridge.

ERICA cruenta.

CHARACTER SPECIFICUS.

Erica, antheris ariſtatis, ſub-incluſis, foliis quaternis, corollis ſub-ternis, glabris, clavato-cylindricis, pollicaribus; ſaturate ſanguineis.

DESCRIPTIO.

Caulis fruticoſus, bipedalis, erectus; rami erecti, ramuloſi; ramulis breviſſimis, frequentiſſimis.

Folia quaterna, linearia, glabra, nitida, ſaturate viridia, petiolis breviſſimis, adpreſſis.

Flores in ramulis terminales, prope caulis ſummitatem, racemum quaſi formantes longum; pedunculi longi, bracteis tribus ad baſin inſtructi.

Calyx. Perianthium tetraphyllum, foliolis lanceolatis, ſerratis, adpreſſis.

Corolla clavato-cylindrica, glabra, cruenta, pollicaris; oris laciniis rectis, obtuſis.

Stamina. Filamenta octo capillaria, receptaculo inſerta; antheræ ariſtatæ, ſub-incluſæ.

Pistillum. Germen ſub-ovatum, ſulcatum, pubeſcens; ſtylus exſertus; ſtigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a menſi Auguſti, in Decembrem.

REFERENTIA.

1. Calyx, et Corolla.

2. Calyx lente auctus.

3. Stamina, et Piſtillum.

4. Stamina a Piſtillo diducta; anthera una lente aucta.

5. Stylus, et Stigma, lente aucta.

SPECIFIC CHARACTER.

Heath, whoſe tips are bearded, and juſt within the bloſſom; the leaves grow by fours, the flowers moſtly by threes, and are ſmooth, cylindrically club-ſhaped, an inch long, and of a deep blood colour.

DESCRIPTION.

Stem ſhrubby, grows two feet high, and upright; the branches grow upright, having many ſmaller branches, which are thick ſet, and very ſhort.

The Leaves grow by fours, are linear, ſmooth, ſhining, and of a deep green, having very ſhort foot-ſtalks, preſſed to the ſtem.

The Flowers terminate the ſhorter branches near the ſummit of the ſtem, forming as it were a long bunch; the foot-ſtalks are long, having three floral leaves at their baſe.

Empalement. Cup four-leaved, which are lance-ſhaped, ſawed, and preſſed to the bloſſom.

The Blossom is cylindrically club-ſhaped, ſmooth, blood colour, and an inch long; the ſegments of the mouth are obtuſe, and ſtraight.

Chives. Eight hair-like threads, fixed into the receptacle; the tips are bearded, and juſt within the bloſſom.

Pointal. Seed-veſſel nearly egg-ſhaped, furrowed, and downy; Shaft without the bloſſom; Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from Auguſt, till December.

REFERENCE.

1. Empalement, and Bloſſom.

2. The Empalement magnified.

3. The Chives, and Pointal.

4. The Chives, detached from the Pointal; one tip magnified.

5. The Shaft, and its Summit, magnified.